

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

June 10, 1992



92-RF-6454

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Terry A. Vaeth
Manager
DOE, RFO

Attn: J. K. Hartman

REGULATORY APPROVAL FOR SOLAR POND CLEANOUT STRATEGY- JMK-0550-92

Enclosed is documentation defining the specific steps, processes, and equipment to be used for executing the strategy proposed at the Colorado Department of Health briefing of March 17, 1992. This information also includes block flow diagrams and brief descriptions of the Halliburton-NUS pond sludge chemical solidification and stabilization (CSS) processes. A request for change to interim status for these CSS processes will be submitted in the near future. The process train for the A and B Pond sludges will be installed and operated in an area south of the 207A Pond. The process train for C Pond sludge and the clarifier contents will be located on the 750 Pad.

The regulatory guidance received during the briefing has been incorporated into the overall processing strategy. All necessary precautions have been considered to assure that the plan does not violate the intent of any applicable regulation or previous compliance agreement. Additionally, the strategy is consistent with proposed Environmental Protection Agency guidance on the corrective action management unit concept for remedying an environmental problem.

In-situ chlorination, which is currently planned for the B-series ponds, requires the use of gaseous chlorine rather than solid calcium hypochlorite. Chlorine gas presents significantly more operating problems and poses a much higher potential risk to operating personnel. Therefore, additional information is enclosed in the documentation to justify the use of a tank treatment process with controlled residence time for chlorination of the B-series pond sludges.

ENR TRACK ✓
CORRES CONTROL x x

CLASSIFICATION:

UCNI	
UNCLASSIFIED	x x
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER
SIGNATURE

[Signature]
6/9/92
DATE

IN REPLY TO RF# CC NO:

ACTION ITEM STATUS

☐ OPEN ☒ CLOSED
☐ PARTIAL

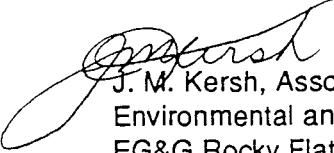
LTR APPROVALS:

ORIG & TYPIST INITIALS

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Permission is requested at your earliest convenience for initiating the processing steps prior to CSS of the sludges as described in Section 3.0 of the enclosed documentation. If there are any questions, or additional information is required, please contact Don Ferrier at extension 8957.



J. M. Kersh, Associate General Manager
Environmental and Waste Management
EG&G Rocky Flats, Inc.

EFL:dlf

Orig. and 1 cc - T. A. Vaeth

Enclosure:
As Stated